Attorney's Docket No. 3722-0115P

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: <u>Decoding circuit and metod of Viterbi decoder</u>, the specification of which,

nended by any am acknowledge the	endment refe luty to disclo	U.S. Application and was amended  was filed on International PC and was amended and understood the cred to above.	Serial No d on  T Application Serial No d on  contents of the above-identified is material to the examination	as  I specification, incl	~
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her than the Unit ventor's certificat aimed:	ed States, liste e, or PCT Int	ed below and have ident ternational application	tified below, by checking the bo having a filing date before that	x, any foreign app tof the application	lication for p on which p
	PRIC	OR FOREIGN APPLIC	CATION(S)	PRIORITY	CLAIMED
Num	ber	Country	Year /Month/ Day	Yes	No
08912	7633	Taiwan	2000/12/22	X	
					· · · · · · · · · · · · · · · · · · ·

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

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(Application Serial No ) (Filing Date) (Status - patented, pending, abandoned)

(Application Serial No.) (Filing Date) (Status - patented, pending, abandoned)

And I hereby appoint the law firm of Birch, Stewart, Kolasch & Birch, LLP, including Raymond C. Stewart (Reg. No. 21,066); Terrell C. Birch (Reg. No. 19,382); Joseph A. Kolasch (Reg. No. 22,463); James M. Slattery (Reg. No. 28,380); Bernard L. Sweeney (Reg. No. 24,448); Michael K. Mutter (Reg. No. 29,680); Charles Gorenstein (Reg. No. 29,271); Gerald M. Murphy, Jr. (Reg. No. 28,977); Leonard R. Svensson (Reg. No. 30,330); Terry L. Clark (Reg. No. 32,644); Andrew D. Meikle (Reg. No. 32,868);Marc S. Weiner (Reg. No. 32,181); Joe McKinney Muncy (Reg. No. 32,334); Donald J. Daley (Reg. No. 34,313); John W. Bailey (Reg. No. 32,881); John A. Castellano (Reg. No. 35,094); Gary D. Yacura (Reg. No. 35,416) as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Send Correspondence To: Birch, Stewart, Kolasch & Birch, LLP

8110 GATEHOUSE ROAD, SUITE 500 EAST, FALLS CHURCH, VA 22042-1210, U.S.A.

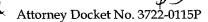
Direct Telephone Calls To: Mr. Ken Muncy at telphone number (703) 205-8000

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false is statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon

First Joint Inventor	Hung-chenh Kuo				
Inventor's Signature	Hung-Cheng Kuo	Date	2001, 12,6		
Residence	Hsinchu, Taiwan	Citizenship	R.O.C.		
Post Office Address	3F, No. 50, Lane 550, Nan-Da Rd., Hsinchu, 300 Taiwan, R.O.C.				

Second Joint Inventor	Wen-Yi Wu			
Inventor's Signature	Wen-Yo Wu	Date	2001,12,6	
Residence	Hsin Chu County, Taiwan	Citizenship	R.O.C.	
	No. 5, Lane 58, Kuang Ming 10th street, Chu-Pei City, Hsin Chu County, Taiwan 300, R.O.C.			

Letter 1994,



## BIRCH, STEWART, KOLASCH & BIRCH, LLP

PLEASE NOTE: YOU MUST COMPLETE THE **FOLLOWING** 

P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

## COMBINED SUPPLEMENTAL DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint strength of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Institute TRAUEN	DECODING CIRCUIT	AND METHOD	OF A V!TERBI DECOD	ER			
Fill in Appropriate Information -	the specification	was filed on Decer	reto. If not attached here mber 18, 2001				as
For Use Without	United States Ap	plication Number	10/020,160				
Specification	and amended on					_ (if applicable)	and/or
Attached:	the specification	was filed on					_as PCT
	International Ap	plication Number				;	and was
							plicable)
	amended by any amer I acknowledge it Regulations, §1.56. I do not know an thereof, or patented o year prior to this app prior to this applicati date of this applicati representative or assi patent or inventor's co application by me or r I hereby claim fo or inventor's certificat	ndment referred to he duty to disclose d do not believe the r described in any lication, that the so no, that the invent on in any country gns more than twe perificate on this in my legal represent wereign priority ben e listed below and	l and understand the co a above. se information which is ne same was ever known y printed publication in ame was not in public ion has not been patent y foreign to the Unite elve months (six month wention has been filed atives or assigns, except lefits under Title 35, Un- have also identified bel n on which priority is cl	s material to pate n or used in the U any country befouse or on sale in ted or made the s do States of Ame is for designs) pr in any country for as follows. ited States Code, ow any foreign a	entability as defined: nited States of Americ ore my or our inventi- the United States of a ubject of an inventor's erica on an application ior to this application treign to the United St \$119(a)-(d) of any fore	in Title 37, Coo a before my or o on thereof or m America more to see certificate issue on filed by me , and that no apates of America	de of Federa our invention nore than on han one yea ed before the or my lega pplication for a prior to things.
•	Prior Foreign Appli	cation(s)				Priority C	Claimed
Insert Priority Information:	089127633	Taiwan R.C	).C	December 22,	2000	$\boxtimes$	П
(if appropriate)	(Number)	(Country)	,.c	(Month/Day/		Yes	No
(in appropriate)	(i tulibel)	(country)		(Monday Day)	real rineary	103	140
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	(Number)	(Country)		(Month/Day/	Year Filed)	Yes	No
	(Number)	(Country)		(Month/Day/	Year Filed)	Yes	No
	I hereby claim the ben	efit under Title 35	, United States Code, §1	19(e) of any Unite	ed States provisional a	pplications(s) lis	sted below.
Insert Provisional Application(s): (if any)	(Application Number	)		(Filing Da	te)		
	(Application Number	)		(Filing Da	te)		<del></del>
	All Foreign Application the Filing Date of This		Patent or Inventor's Co	ertificate Filed Mo	ore than 12 Months (6	Months for Des	igns) Prior t
	Country		Application Number		Date of Filing (Month	/Day/Year)	
Insert Requested Information: (if appropriate)							
	insofar as the subject application in the man information which is	t matter of each on nner provided by material to the pat	, United States Code, §1 of the claims of this a the first paragraph of T tentability as defined in ication and the national	oplication is not itle 35, United Sta Title 37, Code of	disclosed in the prior tes Code, §112, I ackn Federal Regulations, §	United States owledge the du 1.56 which beca	and/or PC ity to disclos
Insert Prior U.S.							
Application(s): (if any)	(Application Number	)	(Filing Date)		(Status - patented, per	nding, abandone	ed)
Page 1 of 2	(Application Number	)	(Filing Date)		(Status - patented, per	nding, abandone	ed)



(Rev. 12/19/01)

I hereby appoint the practitioners at CUSTOMER NO. 2292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

PLEASE NOTE: YOU MUST

COMPLETE THE FOLLOWING:

Full Name of First or Sole Inventor: Insert Name of

Insert Residence Insert Citizenship Insert Post Office Address

Name of Second

Full Name of Fourth

Inventor, if any:

Full Name of Sixth Inventor, if any: see above

## BIRCH, STEWART, KOLASCH & BIRCH, LLP or CUSTOMER NO. 2292

P.O. Box 747 • Falls Church, Virginia 22040-0747

Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*
Hung-Chenh KUO	Hung-Cheng Ku	Ø	2/80/2002
Residence (City, State & Country)	9	CITIZENSHII	P
Hsinchu, Taiwan, R.O.C.		Taiwan, R.O.	C.
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3F, No. 50, Lane 550, Nan-Da Rd., Hsinchu, 300,	l'aiwan, R.O.C.		
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*
Wen-Yi WU	Liven-Yr WM		2/20/2002
Residence (City, State & Country)		CITIZENSHII	p /
Chu-Pei City, Hsin Chu County, Taiwan, R.O.C.		Taiwan, R.O.	C.
MAILING ADDRESS (Complete Street Address	including City, State & Country)	<del></del>	
No. 5, Lane 58, Kuang Ming 10th Street, Chu-Pei	City, Hsin Chu County, 300, Taiwa	n, R.O.C.	
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*
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MAILING ADDRESS (Complete Street Address	including City, State & Country)		
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*
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MAILING ADDRESS (Complete Street Address	including City, State & Country)		
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*
Residence (City, State & Country)		CITIZENSHII	P
MAILING ADDRESS (Complete Street Address	including City, State & Country)		